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## Demographics and Economic Future

Contrasts mark basin demographics. Provo and Orem are part of the Wasatch Front Metropolitan Area where most of the state's population and commercial/industrial activity are found. Nephi City, at the southern tip of the basin, is rural with a stable population and agricultural economic base. This part of the basin is becoming more economically integrated with Utah County as people employed in the metropolitan area move there for the rural atmosphere. Heber and other Wasatch County communities are becoming urbanized and adjusting to recreation pressures from the recently constructed Jordanelle Reservoir.

### 4.1 Introduction

This section discusses the population, employment and economic future of the Utah Lake Basin. Basin population for 1994 is 318,020. By the year 2020, the total is projected to be 569,803, an increase of 251,783 people or 79 percent. The annual rate of growth in population is expected to be 2.40 percent. The employment pattern will probably change moderately, with services and trade gaining at a more rapid rate while agriculture remains steady and other sectors show steady growth. Overall employment will increase by 90,000 jobs. This is an average annual rate of growth of 1.62 percent.

The Governor's Office of Planning and Budget prepared the projected population estimates. The Division of Water Resources then used these estimates as a basis for estimating the culinary water supply requirements shown in Section 11, Drinking Water. Basin population consists of Utah County and portions of Juab, Wasatch and Summit counties. The major population centers in Juab and Wasatch counties are in this basin.

### 4.2 Demographics

Nephi and Mona have 70 percent of the total Juab county population. Charleston, Heber, Midway and Wallsburg hold 76 percent of the Wasatch County population. Woodland and Francis are the only communities in Summit County in the basin and have



*Orem/Provo area from Squaw Peak*

only 3 percent of the county population. Provo and Orem, in Utah County, are the largest cities and are the third and fifth largest cities in the state respectively.

Between 1990 and 1994, Francis, in Summit County, had the most rapid growth of the two communities in that county. The fastest growing community in Utah County for the same period was Woodland Hills at 148.2 percent. All basin communities in Wasatch County, Charleston, Heber, Midway and Wallsburg, grew between 11.1 percent and 29.2 percent. Nephi and Mona in Juab County had growth of five and 19 percent respectively. The unincorporated portions of Utah County increased in

Table 4-1  
POPULATION PROJECTIONS  
Utah Lake Basin

City	1990	1994	2000
<b>Juab County</b>			
Nephi	3,515	3,691	5,937
Mona	584	699	1,881
<b>County Total</b>	4,099	4,390	7,818
<b>Summit County</b>			
Francis	381	532	716
Woodland	175	185	210
<b>County Total</b>	556	717	926
<b>Utah County</b>			
Alpine	3,492	4,547	8,069
American Fork	15,722	18,194	32,286
Cedar Fort	284	286	508
Cedar Hill	769	1,465	2,600
Elk Ridge	771	1,036	1,838
Genola	803	1,069	1,897
Goshen	578	610	1,082
Highland	5,007	5,909	10,486
Lehi	8,475	11,069	19,643
Lindon	3,818	4,989	8,853
Mapleton	3,572	4,203	7,458
Orem	67,561	74,402	132,031
Payson	9,510	10,837	19,231
Pleasant Grove	13,476	15,813	28,061
Provo	86,835	98,244	174,340
Salem	2,284	3,091	5,485
Santaquin	2,386	2,676	4,749
Spanish Fork	11,272	13,522	21,996
Springville	13,950	15,762	27,971
Vineyard	151	166	295
Woodland Hills	301	747	1,326
Unincorporated	12,573	12,872	22,842
<b>County Total</b>	263,590	301,509	535,047
<b>Wasatch County</b>			
Charleston	336	392	849
Heber	4,782	5,613	12,330
Midway	1,554	2,007	7,287
Wallsburg	252	280	493
Unincorporated	3,165	3,113	5,053
<b>County Total</b>	10,089	11,404	26,012
<b>Basin Total</b>	278,334	318,020	569,803
Source: Governor's Office of Planning and Budget, State of Utah, Economic and Demographic Projections, 1994.			

population only 2.4 percent. Unincorporated Wasatch County had a slight decrease in population during the 1990-1994 period. Unincorporated Juab County grew by 16.2 percent. See Table 4-1 for community populations and projections.

Data for 1990 reflect the April 1 Census counts after correcting for geography mistakes and or changes since the 1990 Census. Data for 1994 are the official estimates of the Bureau of the Census and include official revisions in Lehi, Provo and Woodland Hills.

Data for the year 2020 in Juab, Summit and Wasatch counties are extrapolations based on weighted growth rates for three periods. These periods and the associated weights are 1970-1980 (.10), 1980-1990 (.40), and 1990-1994 (.50). These extrapolations are also controlled to the provisional county level projections prepared by the Governor's Office of Planning and Budget. Data for 2020 in Utah County, with the exception of Lehi and Lindon, are simply the 1994 population estimate shares applied to the GOPB's provisional Utah County projection released in 1997. In Lehi and Lindon the 2020 population projection is based on input from the Mountainland Association of Government regarding annexations and current and expected permitted construction.

Utah County includes two cities that are not shown: Eagle Mountain, which incorporated in 1996 with approximately 160 people, and Draper, which currently has no population outside of Salt Lake County. A large housing development in Draper which extends into Utah County has recently been proposed. These extrapolations have not been subject to local review, nor do they incorporate information about current or anticipated land use patterns, capacity constraints, relationship to the urban system, anticipated infrastructure changes, and other important issues affecting the size and location of populations.

The Governor's Office of Planning and Budget made additional extrapolations to aid in estimating long-range municipal and industrial water demands. Assuming a constant annual growth rate beyond 2020 of about 2.3 percent, the population of the basin would increase to over 1.1 million by 2050. See Table 4-1a. Figure 4-1 presents the information for 1990 to 2020 in graphic form. Figure 4-1a shows population projections for the portions of Wasatch, Juab and Summit counties within the basin.

### 4.3 Employment

In Juab County, agriculture lost 13 jobs between 1990 and 1995, but it is expected to maintain about 290 jobs throughout the projection period. Mining lost 62 jobs during this five-year period and will only show slow growth of five to six jobs during the 25-year projection period. Construction lost 16 jobs since 1990, but it will grow slowly during the projection period. All other sectors have shown significant growth with services increasing at the most rapid rate.

In Utah County, all sectors are expected to grow throughout the protection period to 2020. Mining and

construction employment will grow slowly. Agriculture is expected to add 450 jobs by 2020. High technology firms are expected to increase employment significantly. Not all these jobs will be filled by basin residents. In Wasatch County, mining jobs went to zero during the 1980s and no change is expected. Construction and manufacturing lost a combined 223 jobs during that decade, but construction and manufacturing will slowly increase employment during the projection period. Agriculture is expected to increase slowly to 440 jobs. Total employment in Wasatch County showed a net increase of 695 jobs during the 1990-1995 period and is expected to grow an additional 2,705 by the year 2020. Basin employment will increase at an annual rate of 1.62 percent. See Table 4-2 and Figure 4-2.

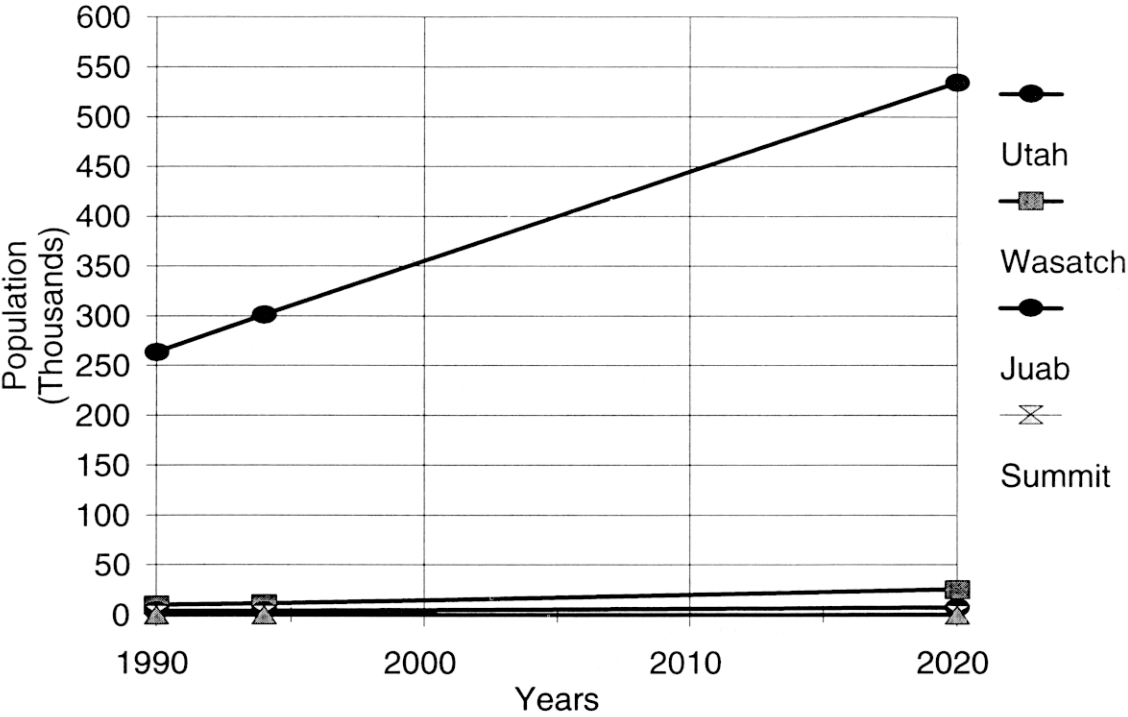
The reason agriculture is maintaining or increasing in employment while land is being converted to urban uses is that growing service sector jobs in lawn care, soil preparation, veterinary and animal services, landscaping, and horticultural are included as agricultural services.

### 4.4 Economic Future

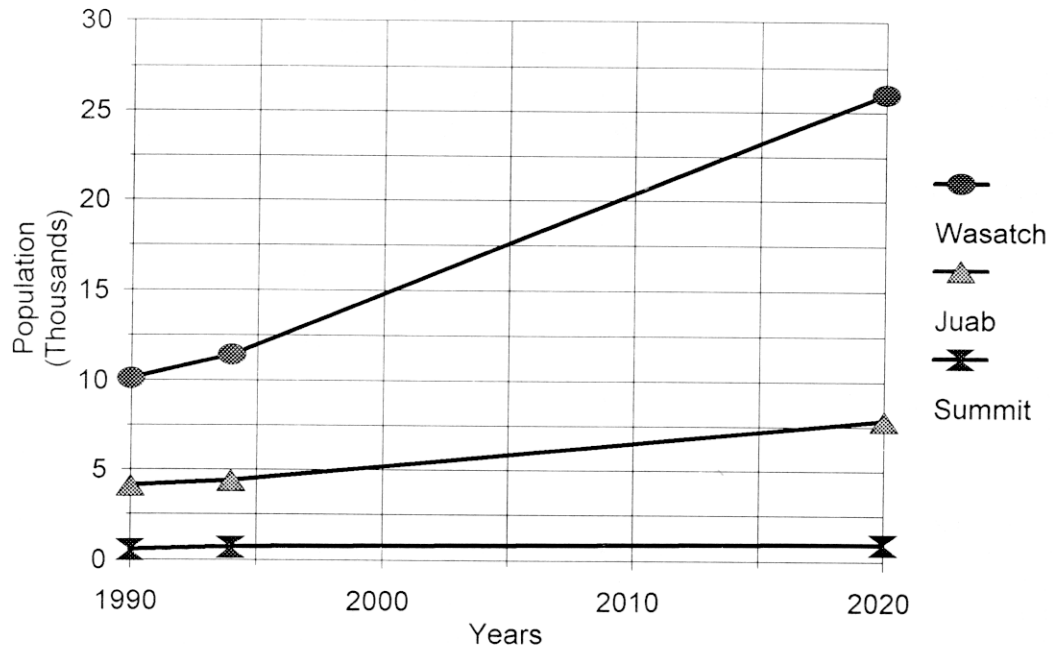
The long-term outlook for the economy of the basin is very positive. Provo and Orem consistently rank very high nationally on various business magazines' lists of best places to live and do business. The state is expected to experience continued growth of about 2 percent annually in population and 2.3 percent in employment through the 90s and into the next century. Utah county is an integral part of the Wasatch Front metropolitan area where most of the projected growth will occur. Growth, however, will not be evenly distributed throughout the basin. ❖ ❖

Table 4-1a LONG-RANGE POPULATION ESTIMATES Utah Lake Basin			
County	Year		
	1990	2020	2050
Juab	4,100	7,820	16,500
Utah	263,590	535,050	1,029,300
Summit	560	930	2,540
Wasatch	10,090	26,010	63,040
Total	278,340	569,810	1,111,380

**Figure 4-1**  
POPULATION PROJECTIONS



**Figure 4-1a**  
3 COUNTY POPULATION PROJECTIONS



**Figure 4-2**  
EMPLOYMENT PROJECTIONS

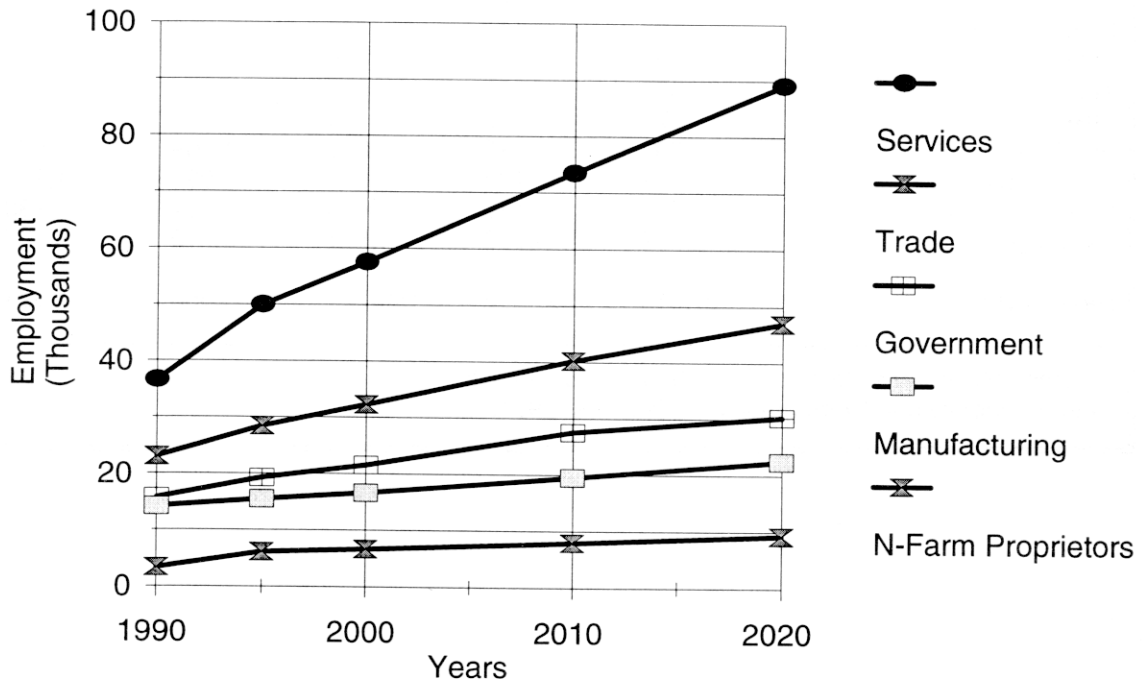


Table 4-2  
EMPLOYMENT PROJECTIONS  
Utah Lake Basin

County	1990	1995	2000	2010	2020
<b>Juab County</b>					
Agriculture	297	284	288	289	289
Mining	107	45	45	49	51
Construction	109	93	98	117	133
Manufacturing	250	338	353	375	391
TCPU	28	58	64	74	84
Trade	489	555	591	667	705
FIRE	27	41	42	47	48
Services	293	473	521	632	714
Government	462	545	519	569	592
Non-Farm Proprietors	139	160	171	196	204
<b>County Total</b>	<b>2,201</b>	<b>2,592</b>	<b>2,692</b>	<b>3,015</b>	<b>3,211</b>
<b>Utah County</b>					
Agriculture	2,625	2,866	3,034	3,215	3,314
Mining	40	81	83	89	95
Construction	2,989	5,781	6,210	7,481	8,679
Manufacturing	14,089	15,012	16,131	18,966	21,854
TCPU	2,518	2,356	2,683	3,320	3,945
Trade	21,929	27,040	30,730	38,379	44,763
FIRE	2,275	3,032	3,405	4,149	4,669
Services	35,640	48,595	55,986	71,486	86,628
Government	14,660	17,972	20,236	25,898	28,592
Non-Farm Proprietors	7,243	9,063	10,490	13,342	15,467
<b>County Total</b>	<b>104,008</b>	<b>131,798</b>	<b>148,988</b>	<b>186,325</b>	<b>218,006</b>
<b>Wasatch County</b>					
Agriculture	435	426	434	438	441
Mining	0	0	0	0	0
Construction	276	322	349	424	502
Manufacturing	121	146	163	203	242
TCPU	90	103	118	144	170
Trade	602	859	987	1,247	1,488
FIRE	71	57	65	79	91
Services	703	899	1,090	1,469	1,872
Government	674	772	849	1,082	1,162
Non-Farm Proprietors	335	418	486	624	739
<b>County Total</b>	<b>3,307</b>	<b>4,002</b>	<b>4,541</b>	<b>5,710</b>	<b>6,707</b>
<b>Basin Total</b>	<b>109,516</b>	<b>138,392</b>	<b>156,221</b>	<b>195,050</b>	<b>227,924</b>

<sup>1</sup>Source: Governor's Office of Planning and Budget, State of Utah, Economic and Demographic Projections, 1994.